# A Lissencephaly-1 homologue is essential for mitotic progression in the planarian Schmidtea mediterranea.

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**Public Summary:**

**Scientific Abstract:**
COVER PHOTOGRAPH: Pseudocolored low magnification image of the planarian Schmidtea mediterranea immunostained using (in top right image) anti-beta-tubulin (white), anti-phosphorylated histone H3 (green) and DAPI (magenta), which label the central nervous system, mitotic cells and nuclei, respectively. Center image was captured using DIC. At higher magnification, these stains were used to analyze the mitotic spindle apparatus of dividing cells. From Cowles et al., Developmental Dynamics 241:901-910, 2012.

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